

Title (en)
Antenna operating mechanism for a portable radio communication apparatus

Title (de)
Antennenbetätigungsmechanismus für ein tragbares Funksprechgerät

Title (fr)
Mécanisme de commande d'antenne pour un radiotéléphone portable

Publication
EP 0544523 B1 19980211 (EN)

Application
EP 92310795 A 19921125

Priority
JP 31117891 A 19911127

Abstract (en)
[origin: EP0544523A2] An antenna handling mechanism incorporated in a portable radio communication apparatus (1) and including an antenna (2) which can be pulled out of the casing (7) of the apparatus, as desired. When the antenna (2) is received in the casing (7), the lower end (3) of thereof is locked by a latch mechanism (4) disposed in the casing (7). In this condition, as the tip (5) of the antenna (2) is pressed, the latch mechanism (4) unlocks the lower end (3) of the antenna and, at the same time, pushes the antenna out of the top of the casing (7) by a pushing stroke. When the antenna being inserted into the casing reaches a predetermined position, the latch mechanism locks the lower end of the antenna.

IPC 1-7
H01Q 1/10; **H01Q 1/24**

IPC 8 full level
H01Q 1/10 (2006.01); **H01Q 1/24** (2006.01); **H04B 1/38** (2006.01)

CPC (source: EP US)
H01Q 1/103 (2013.01 - EP US); **H01Q 1/244** (2013.01 - EP US)

Cited by
WO0148859A1; WO9847199A1; EP2148033A2

Designated contracting state (EPC)
ES GB IT

DOCDB simple family (publication)
EP 0544523 A2 19930602; **EP 0544523 A3 19930721**; **EP 0544523 B1 19980211**; AU 2964492 A 19930603; AU 661523 B2 19950727; CA 2083793 A1 19930528; CA 2083793 C 19970422; ES 2112303 T3 19980401; JP 2699730 B2 19980119; JP H05235623 A 19930910; US 5566361 A 19961015

DOCDB simple family (application)
EP 92310795 A 19921125; AU 2964492 A 19921125; CA 2083793 A 19921125; ES 92310795 T 19921125; JP 31117891 A 19911127; US 38961495 A 19950216